

What is claimed is:

1. A suspension or particle-solvent mixture system which comprises a liquid containing a microparticle of zinc-containing calcium phosphate consisting of from 0.6 ppm to 13% by weight of zinc, 33-57% by weight of  $P_2O_5$ , 10-65% by weight of CaO and 0-28% by weight of  $H_2O$ .
2. A suspension or particle-solvent mixture system which comprises a liquid containing a microparticle of zinc-containing calcium phosphate consisting of from 120 ppm to 13% by weight of zinc, 33-57% by weight of  $P_2O_5$ , 10-65% by weight of CaO and 0-28% by weight of  $H_2O$ .
3. The suspension or particle-solvent mixture system according to claim 1 or 2, wherein said microparticle of zinc-containing calcium phosphate is one or more compounds selected from the group consisting of zinc-containing hydroxyapatite, zinc-containing poorly-crystallized apatite, zinc-containing  $\alpha$ -tricalcium phosphate, zinc-containing  $\beta$ -tricalcium phosphate, zinc-containing calcium hydrogenphosphate, zinc-containing amorphous calcium phosphate and  $CaZn_2(PO_4)_2 \cdot nH_2O$  ( $0 \leq n \leq 2$ ).
4. The suspension or particle-solvent mixture system according to any one of claims 1-3, wherein at least one osteogenic compound selected from the group consisting of vitamin D,  $\alpha$ -calcidol, estrogen-related preparations, calcitonin, bisphosphonate and calcium containing preparations is further contained.
5. The suspension or particle-solvent mixture system according to any one of claims 1-4, wherein said liquid is a water-miscible solvent selected from the group consisting of physiological saline solution, an aqueous solution of 2.5% by weight or less of sodium chloride, Ringer's solution, purified water, distilled water for injection, distilled water, physiological salt solution, propylene glycol, ethanol, and a mixture of propylene glycol or ethanol with any one or more of these solutions or waters.
6. The suspension or particle-solvent mixture system according to any one of claims 1-4, wherein said liquid is selected from the group consisting of water-immiscible solvents including triglyceride, safflower oil, soybean oil,

sesame oil, rape seed oil and peanut oil or from polyethylene glycols (Macrogol).

7. The suspension or particle-solvent mixture system according to any one of claims 1-6, wherein said suspension or particle-solvent mixture system is used for a therapeutic agent for treating zinc deficiency.
8. The suspension or particle-solvent mixture system according to claim 4, wherein said suspension or particle-solvent mixture system is used for a therapeutic agent for treating zinc deficiency and osteogenetic agent.